

## RECOVERY, RESTORATION AND DISPOSAL

### OIL RECOVERY

After an oil spill has been contained, the next step is removal from the surface.

ABSORBENTS such as peat moss, straw, speedi-dry, polyurethane foam, etc. can be used to soak up oil. The easiest material to handle, store and spread is peat moss. However, only the "kiln dried" peat moss is immune from freezing in cold weather. There is no simple method of pickup from a water surface, although pitchforks have been used successfully, as well as screens made from expanded steel and formed into hollow baskets with a handle attached.

In some cases, oil can be removed from absorbents by squeezing. Oil soaked soil which has been removed from the spill area and placed on an impervious surface (plastic sheets, etc.) can sometimes have part of the oil leached out by water flooding. A suitable collecting system must be used for the water and oil flowing from the soil.

An OIL SKIMMER, such as a "slurp", can be employed to skim oil from the water surface for pickup by a diaphragm pump or vacuum truck and appropriate hose arrangement. The discharge from the pump can be directed into a tank, truck, earthen pit, etc.

Turbulence and wave action reduces the efficiency of a skimmer. The suction hose must be held in a position to maintain the skimmer in a level position. This can be accomplished by attaching floats to the hose.

Straw, or the like, should not be spread into a spill that is being recovered with a skimmer, since it will plug the suction.

A SLICKLICKER is capable of picking up about 20-25 barrels of oil per hour under ideal conditions. If attacked immediately, the picked up oil should be fairly dry, with a water content of about 5%. It becomes more difficult to pick up the oil as the water content increases. The speed of the craft holding the slicklicker should be limited to about 1 knot. For close inshore work, it is best to anchor the craft and guide the floating oil manually on to the belt.

Slicklickers are presently located by the Ministry of Transport at Dartmouth, N. S., Saint John, N. B., and St. John's, Nfld.

#### RESTORATION

Planning must include methods of restoring the environment to its pre-spill condition. This could involve such work as cleaning beaches, shorelines, wharves, boats, etc. In the case of land spills, removal of oil-soaked earth and replacement for revegetation may be necessary.

Oil saturated beaches may be restored by:

1. Physical removal of sand, gravel or stones using hand machinery.
2. Absorption of oil using such readily available materials as peat moss or straw.
3. High pressure water is useful in reducing accumulations of freshly deposited oil.
4. High pressure steam is an effective cleanser if portable facilities are available.
5. Chemical cleaning techniques are quite effective but must only be considered as a last resort and then with the expressed approval of designated government agencies.

#### OIL DISPOSAL

Collected oils should be reused, if possible, or destroyed if reuse is not practical. Oil soaked



(Cont'd)

straw, peat moss, sand, soil, etc. is most easily disposed of by burial, or open microbial action. The Regional Oil Industry Cooperatives are actively pursuing with Municipal and Provincial Authorities in the Atlantic Region the designation of suitable disposal sites for such materials.

In some cases, burning may answer the disposal problem but this again requires approval of municipal and other government agencies because of air pollution which may be caused.

Disposal should never be through drainage and sewer systems. This method of disposal is not only unacceptable, from the standpoint of pollution, but also serious explosions could result.

## E.P.S. ATLANTIC REGION

### GUIDELINES FOR THE USE OF DISPERSANTS

#### General Requirements

- (a) Except in the cases of extreme emergency as noted in Item (b) under the heading "Possible Conditions for the Use of Dispersants" below, chemical dispersants shall be used only with the express permission of Environment Canada or Provincial authorities who are administering Section 33 of the Fisheries Act. Chemical dispersants can then be used under competent direction and in accordance with recommended techniques.
- (b) The On-Scene Commander\*, in consultation with the appropriate agencies will determine the priorities of protection in each spill incident and the use of dispersants is subject to these priorities.
- (c) Only those dispersants that satisfy the Acceptability-Criteria as set forth in these guidelines shall be used.
- (d) All uses of chemical dispersants must be formally documented, as outlined in these guidelines.

#### Restrictions on the Use of Dispersants

The use of dispersants will usually be avoided:

- (a) in any waters containing major fish populations or large breeding or migration areas for species of fish or other aquatic life which may be damaged or reduced in market value by exposure to dispersants and/or dispersed oil;
- (b) in any waters where such use may significantly affect surface water supplies;
- (c) where eventual dilution of the dispersed oil is limited either because the water is quiescent or because the water volume is small relative

---

\*In the context of these guidelines, the On-Scene Commander is the person in charge of the clean-up operation and is not necessarily a government representative.



to the spill size;

- (d) on oils that have been deposited on sandy beaches or on shorelines with important flora and fauna;
- (e) under conditions where the dispersant is ineffective, as determined by the effectiveness tests described in these guidelines, or in the judgement of the On-Scene Commander.

#### Possible Conditions for the Use of Dispersants

Approved dispersants may be considered for use:

- (a) when their use will prevent or reduce hazard to human life or limb, or substantial hazard of fire to property. (Caution is advised in the case of spills of volatile oils where both the application of the dispersant and the subsequent agitation may increase fire hazards. Furthermore, it should be realized that in spills of volatile oils, natural agitation by winds, waves and currents may rapidly disperse the oil);
- (b) when their use will prevent or substantially reduce hazard to a significant population of waterfowl;
- (c) when their use will prevent or substantially reduce significant damage, to valuable property except in conditions:
  - (i) where such use is restricted as noted in "Restrictions on the Use of Dispersants" above; and
  - (ii) where other methods for controlling and removing the oil are reasonably effective.

#### Research and Development Purposes

For purposes of research and development, Environment Canada may authorize the use of dispersants in specified amounts and locations under controlled conditions irrespective of the provisions of these guidelines.

#### Selection of Dispersants

The Department of the Environment will only permit the use of dispersants that pass the following acceptability criteria:

- (a) the content of aromatic hydrocarbon chlorinated hydrocarbons and heavy metal in oil dispersants will be limited;
- (b) all products will be tested for effectiveness, toxicity and degradability in accordance with specific test procedures outlined in these guidelines.

Environmental Emergencies Contact, Atlantic Region

Dispersants should not be used without first contacting the Environmental Protection Service.

24 hour telephone service: 426-6200



SECTION 6  
IMPERIAL OIL LIMITED  
OIL SPILL ORGANIZATION

<u>ORGANIZATION</u>		<u>CONTACT</u>	<u>ACTION</u>	
Environmental Protection Coordinator	-	Board	REPORT	REPORT
	-	Industry		
	-	Federal Government		
-----				
Head Office Oil Spill Committee	-	Federal Government		
-----				
Regional Corporate Committee	-	Other Industry	MINOR SPILLS	MAJOR SPILLS
	-	Local Authorities		
	-	Provincial, Resident Federal, Municipal		
-----				
Region Oil Spill Committee	-	Industry Associations		
	-	Local Authorities		
-----				
Local Oil Spill Team	-	Local Cooperatives		



IMPERIAL'S OIL SPILL ORGANIZATION

6. Organization

ATLANTIC REGION

Revision Feb. 27/76

		<u>A/C</u>	<u>OFFICE</u>	<u>HOME</u>
Regional				
Corporate Manager:	T. Housser	902	424-6941	429-5356
Distribution Manager:	F. Belshaw	902	424-6924	443-3463
Logistics Manager:	J. Maguire	902	424-7220	443-3260
Marketing Managers:				
Consumer	H.A. Marshall	902	424-6939	443-3818
Automotive	P. Bolland	902	424-7389	454-1502
Industrial	J.T. Koskie	902	424-6940	423-4276
Ops. Co-Ordinator:	C. Martyn	902	424-6938	443-3271
Public Affairs:	G.N. Hancock	902	424-6934	443-2761
Comptroller's:	R.J. Allen	902	424-6858	477-1443

Regional  
Corporate  
Committee

		<u>A/C</u>	<u>OFFICE</u>	<u>HOME</u>
Chairman:	F. Belshaw	902	424-6924	443-3463
Secretary:	F.H. Unwin	902	424-7367	443-3525
Transportation:	A.M. Butt	902	424-6931	443-0895
Logistics:	J.L. Harrison	902	424-7349	434-5497
Marketing:	S.L. Miller	902	424-6822	434-5378
	W.F. MacKay	902	424-7366	477-1638
	B. Conrad	902	424-6959	434-6477
Marine:	P.C. Fralic	902	424-7293	443-3610
Public Affairs:	G.N. Hancock	902	424-6934	443-2761
Legal:	D. McInnes	902	423-7351	423-2450
Insurance :	D. Appleby	902	424-6871	422-4129
Accounting :	W.G. Johnston	519	339-2000	542-3306
	E.A. Spruin	902	424-7352	422-9120

Region  
Oil  
Spill  
Committee

		<u>A/C</u>	<u>OFFICE</u>	<u>HOME</u>
Dartmouth Marketing, N.S.	M.A. Seeton	902	424-7324	434-7730
Dartmouth Refinery, N.S.	G.W. Waugh	902	424-7240	463-3707
Halifax Harbour (Atlantic)	H.W. Eisner	902	424-7274	434-0258
Sydney, N.S.	P.A. Libby	902	564-5557	747-2454
Canso Strait Area, N.S.	E. Patterson	902	863-1409	863-3012
Yarmouth, N.S.	J.F. Bullerwell	902	742-3238	742-4377
Saint John, N.B.	L. Matthews	506	693-2573	847-3379
Fredericton, N.B.	R.L. Dickson	506	455-9413	454-3648
Newcastle, N.B.	J.E. Breneol	506	622-0182	622-2375
Moncton, N.B.	D. Rutherford	506	389-9156	386-3547
Charlottetown, P.E.I.	K. Waye	902	894-5591	892-2169
Cornerbrook, Nfld.	R.K. Wheaton	709	785-5154	634-5218
Lewisporte, Nfld.	C. Snook	709	535-2631	535-2793
St. John's, Nfld.	A.E. Woodley	709	726-1551	726-6893

On-Scene  
Commanders

## CONT'D

### SECTION 6

#### ORGANIZATION

##### ENVIRONMENTAL PROTECTION COORDINATOR

The Environmental Protection Coordinator, as chairman of the Head Office Oil Spill Committee, has the same responsibilities as the committee members. In addition, the Coordinator is the main contact for the Board of Directors, and officials of the Federal Government.

##### HEAD OFFICE OIL SPILL COMMITTEE

The Head Office Oil Spill Committee is responsible for recommending and developing plans and policies for responding to oil spills. They are to act as an advisory body, made up of departmental representatives, to insure the company is prepared to deal with oil spills for which it is responsible.

##### REGIONAL CORPORATE COMMITTEE

The Regional Corporate Committee is responsible for the administrative surveillance of the oil spill organization in each region. They are to appoint the members of the Region Oil Spill Committee, keeping in mind all the functional groups available and necessary to efficiently perform the service required.

The Regional Corporate Committee is responsible for periodically reviewing their regional response plans for adequacy and effectiveness, and recommend changes as necessary.

##### REGION OIL SPILL COMMITTEE

The Region Oil Spill Committee is responsible for the overall management and planning of oil spill control for their region. The ROSC is responsible for appointing Local Oil Spill Teams and On-Scene Commanders, in such a way as to completely cover the region. In the event of a major oil spill, the ROSC should operate from a semi-permanent location close to, but reasonably accessible, to the spill.



(Cont'd)

The Oil Spill Prevention Coordinator is a special function that has been set up in each region on a temporary basis, to work full time in developing the region's oil spill contingency and cooperative planning.

#### LOCAL OIL SPILL TEAMS

The Local Oil Spill Teams are made up of men familiar with the local area and conditions surrounding the area, whether onshore or offshore. Each team is led by an On-Scene Commander.

The On-Scene Commander shall guide the Local Oil Spill Team in all their activities, including training exercises with the Company or Company affiliated Co-ops.

For spills which can be handled by the local functional groups, the On-Scene Commander has the authority and responsibility to deal with all aspects of the cleanup, and will report directly to his functional supervisor. In the case of a major spill, the Region Oil Spill Committee will go into action, and the On-Scene Commander may be relieved by a more senior member of management.

The members of the Local Oil Spill Team are responsible for the actual field operations in the event of an oil spill. The Team operates at the scene of the spill or on the coast from a headquarters conveniently adjacent to the spill.



Local Oil Spill  
Team Functions

On-Scene Commander

Cleanup Post

Field Command Post

Field Communications

Duties and Responsibilities

1. Assigned by Region Oil Spill Committee.
  2. Appoints and deploys members of the Oil Spill Team.
  3. Decides and coordinates all activities of Oil Spill Team, and is responsible for their actions.
  4. Initial press contact.
  5. Coordinates work with local Co-op for Oil Spill Control.
- 
1. Direct work crews and equipment in protection, cleanup, and restoration.
  2. Supervise or assist rehabilitation of waterfowl and other wildlife.
  3. Direct the operation of all vehicles, boats, and aircraft assigned to Oil Spill Control activity.
- 
1. Establish and organize the Field Command Centre.
  2. Maintain current status of Oil Spill and Control Action.
- 
1. Establish and maintain voice communications between all field units and Central Command Post.
  2. Establish and maintain visual communications where appropriate.

Local Oil Spill  
Team Functions (Cont'd)

Control Equipment  
Staging Area

1. Establish and organize Control Equipment Staging Area and Sub Areas as required.
2. Take custody of, provide security for, and control equipment into and out of Staging Areas.

P.A.C.E. ORGANIZATION - ATLANTIC REGION

ATLANTIC REGION  
ENVIRONMENTAL PROTECTION COMMITTEE

GOLDEN EAGLE  
GULF  
IMPERIAL  
IRVING  
NEWFOUNDLAND REFINING  
PETROFINA  
SHELL  
TEXACO

LOCAL ENVIRONMENTAL PROTECTION COMMITTEES

SAINT JOHN N.B.	MONCTON N.B.	CHARLOTTETOWN P.E.I.	CORNER BROOK NFLD.	SYDNEY N.S.	YARMOUTH N.S.
CHATHAM MIRAMICHI AREA N.B.	FREDERICTON N.B.	LEWISPORTE BOTWOOD, NFLD.	ST. JOHN'S NFLD.	CANSO STRAIT AREA N.S.	HALIFAX/ DARTMOUTH AREA N.S.

AGENTS  
CONSIGNEES  
JOBBER  
CUSTOMERS  
GOV. AGENCIES  
RETAIL SALES



P.A.C.E., NATIONAL COMMITTEE, CO-OPS AND MOBILE  
VANS

PETROLEUM ASSOCIATION FOR CONSERVATION OF THE  
CANADIAN ENVIRONMENT (PACE)

The organization now known as PACE grew from an ad hoc committee of six major oil companies in 1969. The committee consisted of full-time Environment Coordinators from each of the oil companies intent on coordinating the activities of the oil industry in the protection of the environment.

During 1970, the committee expanded its membership and its activities. In addition to being a communication channel between industry and government, the committee began active participation in the formation of oil spill co-operatives, in contingency planning, in regulations, policy, and research dealing with environmental protection. In December of 1970, the committee became known officially as PACE.

The objectives of PACE are:

1. To coordinate efforts within the oil industry in situations where joint action is the most effective method of solving environmental problems.
2. To encourage exchange of technical information which will foster environmental improvements and develop support for research into new technology in the environmental and ecological fields.
3. To provide a point of industry contact for the public and governments in all matters related to the protection of the environment, and to assist government where appropriate in the formulation of policy and regulations concerning environmental protection as related to the oil industry.

(Cont'd)

PACE membership at the end of 1972 contains  
12 oil companies across Canada:

BP Oil Limited  
Golden Eagle Canada Limited  
Gulf Oil Canada Limited  
Imperial Oil Limited  
Irving Oil Company Limited  
Newfoundland Refining Company Limited U.S.A.  
Pacific Petroleums Ltd.  
Petrofina Canada Ltd.  
Shell Canada Ltd.  
Sun Oil Company Limited  
Texaco Canada Limited

OIL INDUSTRY CONTINGENCY PLANS  
NATIONAL COORDINATING COMMITTEE

In early 1972, the Oil Industry Contingency Plans National Coordinating Committee was established under the sponsorship of PACE. The national committee is composed of representatives of seven regional committees with a chairman and secretary provided by PACE. The seven regional committees are: Arctic, Atlantic, Maritimes, Quebec, Ontario, Prairies, and B.C. The national committee will deal with broad industry coordination and liaison with the Federal Government. The regional committees will perform the same function at the regional and provincial level.

The Terms of reference of the Oil Industry Contingency Plans National Coordinating Committee are:

1. To provide a mechanism for the coordination of Canadian Oil Industry oil spill contingency planning on a national basis through local, regional, and national industry groups.
2. To draft the jurisdictional boundaries of the various industry contingency plans, ensuring that all segments of the country are covered and responsibility for them clearly defined.



(Cont'd)

3. To ensure that past achievements are built upon rather than duplicated and to integrate the activities of regional and functional oil spill activities for maximum effectiveness.
4. To act as a contact for the entire industry with the Federal Government on oil spill matters.
5. To act as a contact with Provincial Governments in cases where existing industry associations do not feel they can represent all segments of the industry on oil spill matters.
6. To act for the industry in questions which transcend boundaries of existing industry associations, e.g. large central stockpiles of oil spill cleanup materials and equipment.
7. To upgrade the quality of oil spill contingency plans through exchange of information and experience.



## CO-OPS

Industry Oil Spill Co-operatives are designed to combat oil spills in a rapid and efficient manner through the pooling of manpower, equipment, materials and know-how by a formal agreement between the parties involved. Individual members may call on any or all resources of the cooperative if an oil spill situation is considered beyond the capability of the individual member.

In the Atlantic Region, Area Co-op organizations are operational under the direction of a Regional Co-op Committee in Halifax, at Sydney, Conso Strait, Dartmouth and Yarmouth in Nova Scotia; Saint John, Newcastle/Chatham, Fredericton and Moncton in New Brunswick; St. John's, Lewisporte and Corner Brook in Newfoundland, and at Charlottetown in the Province of Prince Edward Island.

CHAIRMEN FOR THE ATLANTIC PROVINCES LOCAL ENVIRONMENTAL  
PROTECTION COMMITTEES

			<u>BUSINESS</u>	<u>HOME</u>
Halifax/Dartmouth, N.S. Area	Mr. E. B. Earl Shell Canada, 35 MacDonald Dartmouth, Nova Scotia	(902)	463-7550	477-6623
Canso Strait, N.S. Area	Mr. E.G. McClinton Gulf Canada Limited P.O. Box 2006 Port Hawkesbury, N.S.	(902)	625-1010	625-0427
Sydney, N.S. Area	Mr. J. Gunderson Petrofina Canada Ltd. Sydney, N.S.	(902)	539-6446	562-5718
Yarmouth, N.S. Area	Mr. R. Muise Shell Canada Limited 56 Albert Street Yarmouth, N.S.	(902)	742-2701	742-2702
Province of Prince Edward Is. (Charlottetown, Summerside, and Montague)	Mr. W. Connolly Irving Oil Ltd. 60 North River Road Charlottetown, P.E.I.	(902)	894-8504	894-8355
Moncton, N.B. Area	Mr. D. Rutherford Imperial Oil P.O. Box 2368 Moncton, New Brunswick	(506)	389-9156	
Chatnam/Newcastle, N.B. Area	Mr. George Creighton Shell Canada Limited Newcastle, N.B.	(506)	622-7557	773-6434
Saint John, N.B. Area	Mr. F.E. Murray Gulf Canada Limited Watson & Germaine Sts. Saint John, New Brunswick	(506)	693-3253	696-1391
Fredericton, N.B. Area	Mr. D. A. Dawes Shell Canada Limited 545 Montgomery Street Fredericton, N. B.	(506)	455-6870	455-5375
St. John's, Nfld. Area	Mr. Wm. Pennell Great Eastern Oil & Import Long Pond Mannels Conception Bay, Nfld.	(709)	834-2161	834-2764
Lewisporte/Botwood, Nfld. Area	Mr. C. Staples Imperial Oil Limited Lewisporte, Nfld.	(709)	535-2631	
Cornerbrook, Nfld. Area	Mr. R.K. Wheaton Imperial Oil Ltd. Cornerbrook, Nfld.	(709)	785-5154	634-5218

## MOBILE VANS

Member Companies comprising the Atlantic area co-operatives, have agreed to purchase vans containing oil spill cleanup equipment, which can be rapidly transported to locations within a given geographic area. These mobile units are located as follows:

### Nova Scotia

Halifax/Dartmouth	- Petrofina
Point Edward	- Gulf

### Prince Edward Island

Charlottetown	- Shell
---------------	---------

### New Brunswick

Newcastle	- Texaco
-----------	----------

### Newfoundland

Corner Brook	- Imperial
St. John's	- Golden Eagle

A fully equipped co-op van is planned for Saint John, N. B. by mid 1974.

Oil spill cleanup vans comprise the following (or its equivalent):

- (a) Container
  - Size 35' x 8' x 8'
  - Complete with doors and fitted with adjustable steel shelves, bunks, table, heater and electrical. Work bench, mounting brackets and tie-downs included.
- (b) Contents
  - 1 - Propane heater (30,000 BTU)
  - 1 - Portable gasoline operated generator, 3000 watts, 115 - 120V (explosion proof)
  - 4 - Portable lights on stands
  - 1 - Boom, 300 to 400 ft.



(Cont'd)

- 2 - Floating saucer skimmer pumps complete with discharge hose (gasoline operated - explosion proof)
- 2 - Portable gasoline pumps (2" explosion proof)
- 6 - Weatherproof suits, hats, gloves (skidoo type)
- 15 - Pair neoprene knee boots, sizes 9, 10, and 11
- 10 - Pair neoprene hip boots, sizes 9, 10, and 11
- 10 - Pair heavy nylon knit socks
- 6 - Long handled spades
- 6 - Dung forks
- 1 - Wheelbarrow
- 4 - Pole axes
- 3 - Single block pulleys
- 4 - 50' extension cords
- 4 - 75' - 2" hoses with 2" male and female quick couplers (smooth bore hoses)
- 6 - Hand rakes
- 6 - Five-gallon gas cans
- 2 - Polyethylene tarpaulins (20' x 20')
- 600 ft - 1" polypropylene rope
- 1200 ft - 3/8" polypropylene rope
- 1 - Aluminum extension ladder 18' long
- 1 - 12' aluminum row boat with oars
- 6 - Hard hats

(Cont'd)

- 4 - 30 lb. dry powder fire extinguishers
- 6 - Life jackets
- 6 - Flashlights - explosion proof
- 1 - Electric drill with set of bits
- 1 - Roll #12 mild steel fence wire
- 1 - Chain saw - 2 ft. long blade (gasoline)
- 1 - Wire cutters
- 4 - Reflector flares
- 6 - Bags oil blotter or oil blotter pads
- 6 - Bags peat moss
- 300 ft - 2" black plastic pipe with couplers
- 1 - Submersible water pump 2" (electric)
- 1 - Roll Hypalon Sheeting (to line holding areas)
- Miscellaneous small tools
- Assortment of quick-couplers for hoses





7. Schedules

Revision June 1/75

SCHEDULE "A"ATLANTIC PROVINCES - ENVIRONMENTAL PROTECTION COMMITTEE

The Atlantic Region Committee is comprised of:

<u>NAME</u>	<u>REPRESENTING</u>	<u>LOCATION</u>	<u>A/C</u>	<u>PHONE NUMBERS</u>	
				<u>BUSINESS</u>	<u>HOME</u>
R. A. Gillis	Irving	Halifax, N. S.	902	422-6551	865-1228
D. Friendly	Gulf	Montreal, P.Q.	514	284-5129	931-4109
K. G. Putnam	Gulf	Montreal, P.Q.	514	284-5101	697-2245
L. Bernard (Secretary)	Shell	Halifax, N. S.	902	429-2980	434-9429
F. H. Unwin (Chairman)	Imperial	Halifax, N. S.	902	424-7367	443-3525
A. A. Morris	Petrofina	Halifax, N. S.	902	429-0580	429-6887
Johnson	Texaco	Halifax, N. S.	902	469-6360	443-2184
G. Bent	Texaco	Halifax, N. S.	902	422-1261	434-5698
D. L. Pippy	Golden Eagle	St. John's, Nfld.	709	726-9662	579-1540
L. Archibald	Newfoundland Ref.	St. John's, Nfld.	709	726-3990	753-4270

<u>COMPANY</u>	<u>1ST. ALTERNATIVE</u>	<u>2ND ALTERNATIVE</u>			
Irving	W. A. London		506	657-7722	696-2222
		R. Payson	902	469-2415	434-0385
Gulf	J. Briggs		902	469-2483	466-4585
		E. G. McClinton	902	625-1010	625-0427
Shell	E. Earl		902	463-7550	477-6623
		E. Eisnor	902	463-7550	454-6170
		D. Cosman	506	672-3396	738-8103
Imperial	A. M. Butt		902	424-6931	443-0895
		J. Harrison	902	424-7349	434-5497
Petrofina	M. Horwich		902	429-0580	443-1820
		G. Mitchell	902	429-1680	466-3461
Texaco	J. A. Rohrer		902	422-1261	477-7407
		W. G. Turner	902	422-1261	434-6390
		R. Ewert	902	422-1261	466-4960
Golden Eagle	R. Chipman		709	722-4181	368-5426

SCHEDULE "B"

AVALON PENINSULA AREA, NEWFOUNDLAND

ENVIRONMENTAL PROTECTION COMMITTEE

<u>NAME</u>	<u>COMPANY</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
John Crotty (Group Leader)	Texaco	(709) 722-3310	579-0819
Dennis Yabsley	Gulf	(709) 726-6410	368-1795
A. Woodley	Imperial	(709) 726-1551	726-6893
D. Pippy	Golden Eagle	(709) 726-9662	579-1540

The following is a list of the employees to be contacted, as supplied by each company's representative. (Also refer to Schedule "D" attached for other local and Government contacts).

<u>COMPANY</u>	<u>1ST ALT.</u>	<u>2ND ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Texaco	W. Pennell (Secretary)		(709) 834-2161	834-2764
		C. Foley	(709) 722-3310	726-3344
Gulf	J. Raymond		(709) 726-6410	368-0814
Imperial	D. Ross		(709) 726-1551	368-0623
		R. LeMessurier	(709) 726-1551	579-5503
Golden Eagle	R. Chipman		(709) 726-9662	368-5426
		W. Driscoll	(709) 726-0375	368-5842

## 7. Schedules

Revision June 1/75

SCHEDULE "B"CORNERBROOK, NEWFOUNDLAND AREAENVIRONMENTAL PROTECTION COMMITTEE

The members of the local committee are:

<u>NAME</u>	<u>REPRESENTING</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
R. K. Wheaton (Group Leader)	Imperial	785-5154	785-5476
R. Hussey	Gulf	785-5134	
G. Hindy	Golden Eagle	634-3211	634-4726
Ivan Cassell	Irving	785-5122	634-7503

The following is a list of names of employees to be contacted as supplied by each Company's Representative.

<u>COMPANY</u>	<u>1ST ALT.</u>	<u>2ND ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Imperial	W. Parkinson		785-5154	634-3037
		H. Hynes	785-5154	785-2114
Gulf	R. Mosher		785-5134	634-6751
		B. Kennedy	785-5134	639-9714
Golden Eagle	M. Davis		634-3211	783-2643
		R. Flynn	634-3211	634-5767
Irving	G. Hann		785-5122	785-2184
		J. Geldart	785-5122	634-4453



SCHEDULE "B"CENTRAL NEWFOUNDLAND AREA (LEWISPORTE, BOTWOOD, NFLD.)ENVIRONMENTAL PROTECTION COMMITTEE

The members of the Local Committee are:

<u>NAME</u>	<u>REPRESENTING</u>	<u>LOCATION</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
J. Butt (Grp. Leader)	Golden Eagle	Botwood	257-2828	257-2331
L. Travers (Alt. Grp. Leader)	Shell	Gander	256-3431	256-3457
C. Snook (Alt. Grp. Leader)	Imperial	Lewisporte	535-2631	535-2793
J. Shave	Irving	Botwood	257-2390	257-2237

The following is a list of names of employees to be contacted, as supplied by each Company's Representative. (Also refer to Schedule "D" attached for other Local and Government Contacts).

<u>COMPANY</u>	<u>1ST ALT.</u>	<u>2ND ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Golden Eagle	A. Snow		257-2828	257-2851
Shell	C. Edison		256-3431	256-4764
Imperial	C. Northcott	J. Woolfrey	535-2631 535-2631	535-2276 535-2484
Irving	G. Jeratt	P. Samson	257-2390 257-2390	257-2610 257-2878

7. Schedules

Revision June 1/75

SCHEDULE "B"CANSO STRAIT AREAENVIRONMENTAL PROTECTION COMMITTEE

<u>NAME</u>	<u>REPRESENTING</u>	<u>TELEPHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
E. G. McClinton (Chairman)	Gulf, Pt. Hawkesbury	(902) 625-1010	625-0427
	Shirt Supervisors (24 hour service)	(902) 625-1010	
C. MacDonald (Secretary)	Texaco, Inverness	(902) 258-2788	235-2213
E. Paterson (Vice-Chairman)	Imperial, Antigonish	(902) 863-1409	863-3012
I. Ross	Texaco, New Glasgow	(902) 752-0377 Mobile YL62738	752-4505
V. Kyte	M.O.T.	(902) 625-1973	625-0048
<u>ALTERNATES</u>			
G. Griffith	Gulf, Pt. Hawkesbury	(902) 625-2920	625-1418
H. MacInnis	Gulf, Pt. Hawkesbury	(902) 625-2900	625-0128
A. W. Anderson	Gulf, Pt. Hawkesbury	(902) 625-1010	625-1042
B. Lobban	Gulf, Pt. Hawkesbury	(902) 625-2920	625-1993
G. Tubetti	Imperial, Inverness	(902) 258-2058	258-2039
G. MacAulay	Imperial, Baddeck	(902) 295-2943	295-2289
E. Morine	Imperial, Pt. Hawkesbury	(902) 625-0440	625-0671
J. MacLean	Texaco, Inverness	(902) 258-2788	235-2215
D. F. MacGillivray	Imperial, Antigonish	(902) 863-2880	863-3715
F. Mombourquette	Texaco, St. Peter's	45 St. Peter's	
H. MacDonald	Texaco, Antigonish	(902) 863-2848	863-2848
L. Robinson	Texaco, New Glasgow	(902) 752-6251	752-5367
G. Steven	M.O.T.	(902) 747-2050	747-2480
B. W. Gerrior	Gulf, Stellarton	(902) 752-5285	
G. A. Shaw	Imperial, New Glasgow	(902) 752-6252	752-1206
W. Rae	Imperial, Pictou	(902) 485-5150	485-4694
R. MacAulay	Shell, New Glasgow	(902) 755-1700	
F. MacLellan	Scotsburn Co-Op, Scotsburn	(902) 485-4358	485-5597

SCHEDULE "B"CHATHAM/NEWCASTLE AND MIRAMICHI, N. B. AREAENVIRONMENTAL PROTECTION COMMITTEE

The members of the Local Committee are:

<u>NAME</u>	<u>REPRESENTING</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
J. E. Breneol	Imperial	(506) 622-0183	622-2375
Lloyd Groundwater (Alt. Group Leader)	Gulf	(506) 773-6776	622-0362
R. M. MacNaughton (Group Leader)	Texaco	(506) 773-5819	773-3901
Norman O'Shea	Fina	(506) 773-6611	622-1428
J. Inness	Irving	(506) 622-2105	622-1628
George Creighton	Shell	(506) 622-7557	773-6434

The following is a list of the names of employees to be contacted, as supplied by each Company's Representative. (Also refer to Schedule "B" attached for other Local and Government Contacts).

<u>COMPANY</u>	<u>1ST. ALT.</u>	<u>2ND. ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Imperial	L. G. Rowe		(506) 622-0182	622-7731
		Wm. Creighton	(506) 622-0182	773-5990
Gulf	C. Tracy		(506) 773-6776	622-6254
		D. Kenny	(506) 773-6776	773-6254
Texaco	K. S. Heskett		(506) 773-5819	773-6982
Fina	R. Flett		(506) 773-6611	622-2401
Irving	G. Harper		(506) 622-2105	622-0407
		F. Bowes	(506) 622-2105	622-2358
Shell	E. Carnahan		(506) 622-7557	622-0013



SCHEDULE "B"FREDERICTON, N.B. AREAENVIRONMENTAL PROTECTION COMMITTEE

The members of the Local Committee are:

<u>NAME</u>	<u>REPRESENTS</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
G. R. Moore	Gulf	(506) 455-7592	454-4056
G. McCann Vice Chairman, Secretary	Fina	(506) 455-6214	472-8781
D. A. Dawes	Shell	(506) 455-6870	455-5375
D. A. McAloon	Texaco	(506) 455-3520	472-3832
E. Stairs	Irving	(506) 472-4441	472-6231
R. L. Dickson Chairman	Imperial	(506) 455-9413	454-3648

The following can be contacted as an alternate for the Company listed.  
(Also refer to Schedule "D" attached for other Local and Government contacts).

<u>ALTERNATE</u>	<u>COMPANY</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
D. Gibson	Fina	(506) 455-6214	455-8189
E. Anderson	Gulf	(506) 455-7592	455-7496
N. Sewell	Irving	(506) 472-4441	472-9789
R. Pugh	Imperial	(506) 455-9413	472-4118
G. F. Beyea	Texaco	(506) 455-3520	472-1160
Owen Billings	Shell	(506) 455-6870	472-7835

SCHEDULE "B"HALIFAX-DARTMOUTH, N.S. AREAENVIRONMENTAL PROTECTION COMMITTEE

The members of the Local Committee are:

<u>NAME</u>	<u>REPRESENTS</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
A. A. Morris	Fina	(902) 429-0580	429-6887
H. E. Dixon	Fina	(902) 429-1680	835-8401
F. H. Unwin	Imperial	(902) 424-7367	443-3525
M. A. Seeton	Imperial	(902) 463-4550	434-7730
J. F. Briggs (Group Leader)	Gulf	(902) 469-2483	466-4585
E. B. Earl	Shell	(902) 463-7550	477-6623
R. Gillis	Irving	(902) 422-6551	865-1228
C. W. Johnston (Secretary)	Texaco (Refining)	(902) 469-6360	443-2184
J. E. Currie	Texaco (Marketing)	(902) 429-1480	434-4303
C. Gates	Texaco (Marketing)	(902) 469-4381	434-4359
J. A. Rohrer	Texaco (Marketing)	(902) 423-8254	477-7407

The following is a list of names of employees to be contacted as supplied by each Company's representative (also, refer to Schedule "D" for outside or local and Government contacts).

<u>COMPANY</u>	<u>1ST ALT.</u>	<u>2ND ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Imperial	G. W. Waugh		(902) 424-7239	463-3707
		H. W. Eisener	(902) 424-7274	434-0258
Imperial	K. Grant		(902) 463-4550	434-4461
		W. Johnstone	(902) 463-4550	469-5067
Gulf	E. A. Balcom		(902) 469-2483	469-0872
Fina	G. Mitchell		(902) 429-1680	466-3461
		I. G. Impey	(902) 429-1680	434-1976
Shell	E. Eisnor		(902) 463-7552	454-6170
		H. Irons	(902) 463-7550	477-5102
Irving	R. Payson		(902) 466-2724	434-0385
Texaco	F. A. Dobson		(902) 469-6360	757-2631
(Refining)		A. G. Hamilton	(902) 469-6360	443-1152
Texaco	P. Parker		(902) 469-4381	827-2967
(Marketing)	E. L. Smith		(902) 469-4381	861-3603

SCHEDULE "B"

MONCTON, N. B. AREA

ENVIRONMENTAL PROTECTION COMMITTEE

<u>NAME</u>	<u>REPRESENTS</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
L. D. RUTHERFORD	IMPERIAL	389-9156	386-3547
C. J. NORRIS (CHAIRMAN)	GULF	382-3337	386-6141
LES GILLIES	IRVING	855-2333	386-6216
DON STEVENS	SHELL	855-3124	855-3797
GEORGE MESHEAU	TEXACO	389-3475	386-2590
ROY CARTER (SECRETARY)	FINA	855-1051	855-7172

THE FOLLOWING IS A LIST OF NAMES OF EMPLOYEES TO BE CONTACTED AS SUPPLIED BY EACH COMPANY'S REPRESENTATIVE (ALSO REFER TO SCHEDULE "D" ATTACHED FOR OUTSIDE OR LOCAL AND GOVERNMENT CONTACTS).

<u>COMPANY</u>	<u>1ST ALTERNATE</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
IMPERIAL	ED SANDELL	389-9156	386-3992
GULF	ROLLIE PRICE	382-3337	382-8619
IRVING	PURDY MCKINLEY	855-2333	382-6969
SHELL	ROBERT EAGLES	855-3124	382-1425
TEXACO	STEWART COATES	389-3475	854-2485
FINA	RALPH WIGGINS	855-1051	386-8592

MAY, 1975



SCHEDULE "B"PROVINCE OF PRINCE EDWARD ISLANDENVIRONMENTAL PROTECTION COMMITTEE

The members of the Local Committee are:

<u>NAME</u>	<u>REPRESENTING</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
W. Connolly	Irving	(902) 894-8504	894-8355
Ken Waye (Group Leader)	Imperial	(902) 894-5591	892-2169
L. Taylor	Shell	(902) 892-1254	892-9568
R. Graham	Fina	(902) 894-9316	675-2613
G. J. Fougere (Alt. Group Leader)	Gulf	(902) 892-8588	892-7357
F. C. Gray	Texaco	(902) 892-8511	675-3282
D. Corrigan	Texaco	(902) 436-3002	672-2531

The following is a list of the employees to be contacted as supplied by each Company's Representative. (Also refer to Schedule "D" attached for other Local and Government Contacts).

<u>COMPANY</u>	<u>1ST ALT.</u>	<u>2ND ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Irving	I. Doeherty		(902) 894-8504	894-4464
		M. Burns	(902) 894-8504	892-2826
Imperial	F. C. Fraser		(902) 894-5591	894-5115
		R. D. Stewart	(902) 894-5591	894-3653
Shell	R. Wright		(902) 892-1254	894-8715
		H. White	(902) 892-1254	894-8028
Fina	B. MacPhee		(902) 894-9316	675-2615
		W. Davies	(902) 894-9316	675-3075
Gulf	L. Molyneaux		(902) 894-7060	892-8873
		Reg MacKenzie	(902) 894-7060	894-3529
Texaco	H. MacNevin		(902) 892-8511	894-5066

7. Schedules

Revision June 1/75

SCHEDULE "B"SYDNEY, N.S. AREAENVIRONMENTAL PROTECTION COMMITTEE

The members of the local Committee are:

<u>NAME</u>	<u>REPRESENTS</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
R. Smith	Imperial	(902) 564-5557	562-1278
J. Gunderson	Fina	(902) 539-6446	562-5718
J. Penny Alt. Grp. Leader	Irving	(902) 564-5566	539-7532
C. Moulton	Gulf	(902) 562-3995	539-7524
R. Fraser Grp. Leader	Shell	(902) 562-3281	562-1785
R. Daley	Shell	(902) 539-3454	539-8862
M. C. Sullivan	Texaco	(902) 539-5336	828-2502

<u>COMPANY</u>	<u>1ST ALT.</u>	<u>2ND ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Imperial	P. A. Libby		(902) 564-5557	727-2454
		R. H. McQueen	(902) 564-5557	849-8330
Fina	Dan Rose		(902) 539-6446	564-8949
		E. Andrews	(902) 539-6446	564-7954
Irving	D. Stevenson		(902) 564-5566	736-8849
		M. McPherson	(902) 564-5566	
Gulf	T. A. Whiffin		(902) 562-3995	539-7649
		S. A. Mader	(902) 562-3995	564-5830
Shell	B. Bloomquist		(902) 562-3281	564-8064
		W. Bugdon	(902) 562-3281	539-2294
		A. Canning	(902) 539-3454	562-2079
Texaco	H. McNeil		(902) 539-5336	562-4634
		F. N. Ryan	(902) 564-6430	562-3944

7. Schedules

Revision: June 1/75

SCHEDULE "B"SAINT JOHN, N.B. AREAENVIRONMENTAL PROTECTION COMMITTEE

The members of the Local Committee are:

<u>NAME</u>	<u>REPRESENTING</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
W. A. London	Irving	(506) 652-7750	696-2222
L. Matthews	Imperial	(506) 693-2573	847-3379
F. E. Murray	Gulf	(506) 693-3253	696-1391
R. A. Cosman (Chairman)	Shell	(506) 672-3396	738-8103
G. A. Dixon	Fina	(506) 652-3990	672-2834
L. S. Horne (Vice Chairman)	Texaco	(506) 652-1160	696-4099

The following is a list of names of employees to be contacted, as supplied by each company's representative. (Also refer to Schedule "D" attached for Outside and Local Government Contacts).

<u>COMPANY</u>	<u>1ST ALT.</u>	<u>2ND ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Irving	R. G. MacKay		(506) 652-7750	696-2538
		D. Gallant	(506) 652-7720	696-1709
Gulf	R. A. Belyea		(506) 693-3253	696-3284
		A. A. Rose	(506) 693-3253	652-2377
Imperial	L. Dillman		(506) 693-2573	696-7206
		L. Herrington	(506) 693-2573	696-2049
Shell	C. W. Carleton		(506) 672-3396	672-5902
		M. Belyea	(506) 672-3396	738-8998
Fina	R. S. Corscadden		(506) 652-3990	693-0147
		R. E. Braydon	(506) 652-3990	738-8958
Texaco	O. R. McGarity		(506) 652-1160	693-2323
		W. G. Rogerson	(506) 652-1160	672-2536



7. Schedules

Revision June 1/75

SCHEDULE "B"

YARMOUTH, N.S. AREA

ENVIRONMENTAL PROTECTION COMMITTEE

The members of the Local Committee are:

<u>NAME</u>	<u>REPRESENTING</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
R. J. Douglas	Gulf	(902) 742-5450	742-5055
J. Trask	Irving	(902) 742-2425	742-2991
J. F. Bullerwell (Vice Chairman)	Imperial	(902) 742-3238	742-4377
E. V. Winchester	Petrofina	(902) 742-2739	742-7391
R. Muise (Chairman)	Shell	(902) 742-2701	742-8352
David DeMille	Texaco	(902) 742-4976	663-2210

The following is a list of names of employees to be contacted, as supplied by each company's representative. (Also refer to Schedule "D" attached, for Outside and Local Government Contacts).

<u>COMPANY</u>	<u>1ST ALT.</u>	<u>2ND ALT.</u>	<u>BUS. PHONE</u>	<u>HOME PHONE</u>
Gulf	H. Goudey		(902) 742-5450	742-5184
Irving	Dave Carson	G. Huskins	(902) 742-2425 (902) 742-2425	663-2232 742-5563
Imperial	S. G. Nickerson		(902) 742-3238	742-4987
Petrofina	M. Mahoney		(902) 742-2739	742-7651
Texaco	E. Thompson		(902) 742-4976	742-7587

SCHEDULE "C"

Equipment lists are in the  
hands of your Salary Terminal  
Manager.

Advise him of your requirement.

SCHEDULE "D"OUTSIDE OR OTHER LOCAL CONTACTS

LOCATION: CORNER BROOK, NFLD.

DEPARTMENT

FIRE	634-4333
WORKS	639-9362
POLICE	634-8236
R.C.M.P. (RURAL DETACH.)	634-5490
HOSPITAL	634-5101
AMBULANCE	634-5611
E. M. O.	N/A
CHAMBER OF COMMERCE	634-5831
AIR SERVICES: AIR CANADA	634-4376
EPA	639-9262

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE CONTRACTORS, EQUIPMENT  
AND MATERIALS LIST

GOVERNMENT

DEPT. OF HIGHWAYS (DEER LAKE)	635-2162
MINISTRY OF TRANSPORT "	"635-2725
STEAMSHIP INSPECT. DEPT.	634-3492
DISTRICT SURVEYORS(YATES & WOODS)	639-9177
HARBOUR MASTER(ELMER EDISON)	634-5393
FED. DEPT. ENVIRONMENT	634-7962
PROV. LANDS & FOREST	686-2596
FISHERIES SERVICE	634-2741
ENVIRON. PROTECT. SERV.	634-7962
MARINE AIDS CENTRE	N/A
PROV. DEPT. FISHERIES & ENVIRONMENT (D. LAKE)	635-2883



SCHEDULE "D"

OUTSIDE EMERGENCY CONTACTS

LOCATION: Central Nfld.,  
Botwood, Gander  
Lewisporte

<u>DEPARTMENT</u>	<u>LOCATION</u>	<u>PHONE NUMBERS</u>
Fire	Botwood	(709) 257-2222
Police	Botwood	(709) 257-2312
Dept. of Fisheries	Botwood	(709) 257-2761
Dept. of Mines & Resources	Botwood	(709) 257-3596
Harbour Master	Botwood	(709) 257-3288
Hospital	Botwood	(709) 257-2833
Fire	Lewisporte	(709) 535-2222
Police	Lewisporte	(709) 535-2114
Dept. of Fisheries	Lewisporte	(709) 535-2739
Fire	Gander	(709) 256-8221
Police	Gander	(709) 256-3705
Hospital	Gander	(709) 256-3961
Dept. of Mines & Resources	Gander	(709) 256-3097
Universal Helicopters	Gander	(709) 256-3076

Government Contacts

		<u>Bus. Phone</u>	<u>Home Phone</u>
D. G. Jeans	Dept. of Environment Prov.	(709) 753-2140	753-2945
C. J. Downey	Dept. of Environment Prov.	(709) 753-2140	579-0850
D. H. Snow	Dept. of Environment Fed.	(709) 722-3403	754-1709
M. O. T. Operations Centre		(709) 722-2839	

## 7. SCHEDULE

Revision 1 November 15, 1974

SCHEDULE "D"OUTSIDE EMERGENCY CONTACTSLOCATION: ANTIGONISH

	<u>BUSINESS</u>	<u>HOME</u>
ANTIGONISH FIRE DEPARTMENT	(902) 863-4487	863-2651
EMPLOYEES	(902) 863-3131	
CANADA MANPOWER CENTER	(902) 863-1352	
ANTIGONISH R.C.M.P.	(902) 863-4242	
CURRY BROS. AMBULANCE	(902) 863-2312	863-1243
DR. J. J. CARROLL	(902) 863-4727	863-4407
DR. J. GEORGE	(902) 863-2735	
ANTIGONISH HOSPITAL (ST. MARTHA'S)	(902)	

GOVERNMENT CONTACTS

FEDERAL GOVERNMENT (MOT/EPS)	(902) 426-6030
ZENITH	49000

PROVINCIAL GOVERNMENT

G. J. TURNAN	DEPT. OF ENVIRONMENT	(902) 424-5833	876-2401
M. R. CURPHEY	DEPT. OF ENVIRONMENT	(902) 424-5833	477-4925
A. J. CROUSE	DEPT. OF INVIRONMENT	(902) 424-5833	477-4384
	DEPT. OF HIGHWAYS		

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE CONTRACTORS, EQUIPMENT AND MATERIALS LIST.

7. Schedules

Revision June 1/75

SCHEDULE "D"

OUTSIDE EMERGENCY CONTACTS

LOCATION: ANTIGONISH, N.S.

	<u>BUSINESS</u>	<u>HOME</u>
ANTIGONISH FIRE DEPARTMENT	(902) 863-4487	863-2651
EMPLOYEES	(902) 863-3131	
CANADA MANPOWER CENTER	(902) 863-1352	
ANTIGONISH R.C.M.P.	(902) 863-4242	
CURRY BROS. AMBULANCE	(902) 863-2312	863-1243
DR. J. J. CARROLL	(902) 863-4727	863-4407
DR. J. GEORGE	(902) 863-2735	
ANTIGONISH HOSPITAL (ST. MARTHA'S)	(902)	

GOVERNMENT CONTACTS

FEDERAL GOVERNMENT (MOT/EPS)	(902) 426-6030
ZENITH	49000

PROVINCIAL GOVERNMENT

G.J. TURNAN	DEPT. OF ENVIRONMENT	(902) 424-5833	876-2401
M.R. CURPHEY	DEPT. OF ENVIRONMENT	(902) 424-5833	477-4925
A.J. CROUSE	DEPT. OF ENVIRONMENT	(902) 424-5833	477-4384
	DEPT. OF HIGHWAYS		

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE CONTRACTORS, EQUIPMENT AND MATERIALS LIST.



SCHEDULE "D"OUTSIDE EMERGENCY CONTACTSLOCATION: Yarmouth, N. S.

<u>NAME</u>	<u>DEPARTMENT</u>	<u>PHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
David LeBlanc	Fire	(902) 742-7411	742-5137
Paul Cleveland	Fire	(902) 742-7411	742-4198
Fred Farrell	Works	(902) 742-3171	742-3208
G. S. Ledger	R.C.M.P.	(902) 742-2491	742-7689
	Police	(902) 742-3565	
J. McEachern	Hospital	(902) 742-3541	742-4191
V. S. Sweeney Ltd.	Ambulance	(902) 742-3245	742-3245
H. M. Huskilson Funeral Home	Ambulance	(902) 742-3626	742-3626
Lofty Porter	E.M.O.	(902) 742-7272	742-7272
Barry MacLure	Air Services	(902) 742-7196	742-7381

GOVERNMENT CONTACTS

Federal Government	MOT/EPS	(902) 426-6030	
ZENITH		49000	
J. D. McNeil	WARFINGER	(902) 742-3631	742-4032

PROVINCIAL GOVERNMENT

G. J. Turnan	Dept. of Environment	(902) 424-5833	876-2401
M. R. Curphey	Dept. of Environment	(902) 424-5833	477-4925
A. J. Crouse	Dept. of Environment	(902) 424-5833	477-4384
Robert Finley	Dept. of Highways	(902) 742-2415	55-3

SCHEDULE "D"

OUTSIDE EMERGENCY CONTACTS

LOCATION: TRURO, N.S.

<u>NAME</u>	<u>DEPARTMENT</u>	<u>PHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
Chief Danie MacBurnie	FIRE	(902) 895-4436	893-9680
Insp. Jim Swan	FIRE	(902) 895-4437	893-8221
Eng. Ken Thompson	WORKS	(902) 895-4243	893-9609
Chief L. Murray	POLICE)	(902) 895-5351	895-4621
	POLICE)	(902) 895-5351	
	R.C.M.P.	(902) 895-1526	
	HOSPITAL	(902) 895-5421	
(Don) Bartletts	AMBULANCE	(902) 893-3037	893-8038
Bill Campbell		(902) 895-4848	
A.C. Walker	GULF BULK PLANT	(902) 893-3807	895-2289
Across the Street	PRINCESS MARGARET ROSE SCHOOL	(902) 893-9822	

GOVERNMENT CONTACTS

Federal Government	(902) 426-6030
(MOT/ESP)	
Zenith	49000

PROVINCIAL GOVERNMENT

G.J. Turnan	Dept. of Environment	(902) 424-5833	876-2401
M.R. Curphey	Dept. of Environment	(902) 424-5833	477-4925
A.J. Crouse	Dept. of Enviornment	(902) 424-5833	477-4384
M. Chisholm	Dept. of Highways	(902) 895-5373	

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE CONTRACTORS,  
EQUIPMENT AND MATERIALS LIST.

## 7. Schedules

Revision June 1/75

### SCHEDULE "D"

#### OUTSIDE EMERGENCY CONTACTS

LOCATION: SYDNEY, N. S.

<u>NAME</u>	<u>DEPARTMENT</u>	<u>PHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
Angus Devreaux, Chief	Fire	(902) 539-3552	562-2844
Norman Johnston, Chief	Fire	(902) 564-6363	562-4976
William Hartry, Super.	Works	(902) 564-5529	562-2876
	Police (City)	(902) 564-4415	
	R.C.M.P. (Sydney)	(902) 539-5710	
City of Sydney Hospital	Hospital	(902) 539-6400	
Curry's Ambulance	Ambulance	(902) 564-8196	
Sydney Flying Club	Air Services (Airport)	(902) 564-5535	

#### GOVERNMENT CONTACTS

Federal Government MOT/EPS - (902) 426-6030  
Zenith 49000

#### PROVINCIAL GOVERNMENT

G. J. Turnan	Dept. of Environment	(902) 424-5833	876-2401
M. R. Curphey	Dept. of Environment	(902) 424-5833	477-4925
A. J. Crouse	Dept. of Environment	(902) 424-5833	477-4384
	Dept. of Highways	(902) 539-3730	

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE  
CONTRACTORS, EQUIPMENT AND MATERIALS  
LIST.



SCHEDULE "D"

OUTSIDE EMERGENCY CONTACTS

LOCATION: ST. JOHN'S, NFLD.

<u>NAME</u>	<u>DEPARTMENT</u>	<u>PHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
Asst. Fire Chief Barnes	Fire	(709) 722-1234	
Asst. Fire Chief Gosse	Fire	(709) 722-1234	
Asst. Chief Norman	Police	(709) 722-5111	
	R. C. M. P.	(709) 726-9080	
	Hospital	(709) 726-3010	
	Ambulance	(709) 726-3037	
Air Service	Air Canada	(709) 726-9830	
		726-2102	
	E. P. A.	(709) 722-3750	
		722-0101	

GOVERNMENT CONTACTS

Federal & Provincial

D. G. Jeans C. J. Downey	M. O. T. Operations Centre	(709) 722-2839	
	Dept. of Environment Prov.	(709) 753-2140	753-2945
	Dept. of Environment Prov.	(709) 753-2140	579-0850
D. H. Snow	Dept. of Environment Fed.	(709) 722-3403	754-1709
		3404	
H. W. Stone	Harbour Master	(709) 726-7070	579-5938
	Dept. of Highways	(709) 726-6595	
	E. M. O.	(709) 722-2107	

SCHEDULE "D"OUTSIDE EMERGENCY CONTACTSLOCATION: Saint John, N.B.

<u>NAME</u>	<u>DEPARTMENT</u>	<u>BUSINESS</u>	<u>HOME</u>
	FIRE	(506) 652-2222	
	WORKS DEPARTMENT	(506) 658-4523	
	POLICE	(506) 652-5911	
	R.C.M.P.	(506) 672-8812	
	HOSPITAL	(506) 658-2200	
	AMBULANCE	(506) 658-2112	
	AIR SERVICES	(506) 693-1231 (506) 657-3860	
<u>GOVERNMENT CONTACTS</u>			
	FEDERAL GOVERNMENT (MOT/EPS)	(902) 426-6030	
	ZENITH	49000	
<u>PROVINCIAL GOVERNMENT</u>			
BRIAN BARNES	DEPT. OF ENVIRONMENT	(506) 453-2932	455-9817
JAMES HAYDEN	DEPT. OF ENVIRONMENT	(506) 453-2861	472-8586
	DEPARTMENT OF HIGHWAYS	(506) 696-4330	

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE CONTRACTORS, EQUIPMENT, AND MATERIALS LIST.

SCHEDULE "D"

OUTSIDE OR OTHER LOCAL CONTACTS

LOCATION: MONCTON, N.B.

<u>NAME</u>	<u>DEPARTMENT</u>	<u>PHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
B. F. KEAYS	C.N.R., MONCTON, N.B.	382-0551	855-3670
J. F. PIERS	FIRE - MONCTON	855-5555	382-1286
G. BASTARACHE	FIRE - DIEPPE	389-2444	855-0461
G. HOEKSIMA	WORKS - MONCTON	855-5235	854-3850
C. M. WELDON	POLICE - MONCTON	855-5555	855-8243
R. B. NOILES	POLICE - DIEPPE	389-9631	855-4763
N. W. MULOCK	R.C.M.P. - MONCTON	382-4426	389-9269
	HOSPITAL - MONCTON	855-1600	
	AMBULANCE - MONCTON	855-5555	

E.M.O.

ROBERT MALONE	CHAMBER OF COMMERCE	854-2020	386-3997
HENRY DOIGE	AIR SERVICES	855-9610	389-1325

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE CONTRACTORS, EQUIPMENT AND MATERIALS LIST.

GOVERNMENT CONTACTS

J. Y. BELLIVEAU	DEPARTMENT OF HIGHWAYS	855-1200	532-4362
T. H. PRESCOTT	M.O.T. (DIST. MANAGER)		
	STEAMSHIP INSPECTION DEPT.	858-2051	386-6554
J. Y. BELLIVEAU	DISTRICT SURVEYORS	855-1200	532-4362
K. W. BROWN,	HARBOUR MASTER		
FREDERICTON	FEDERAL DEPT. OF ENVIRONMENT		
R. J. LAVOIE	FISHERIES SERVICE - SHEDIAC		
	(REGIONAL SUPT.)	532-4162	
GEORGE COLPITTS	ENVIRONMENTAL PROTECTION		
	SERVICE	858-2588	372-5380
GEORGE COLPITTS	MARINE AIDS CENTRE		
	PROVINCIAL DEPT. OF FISHERIES		
	AND ENVIRONMENT	858-2588	372-5380
E. R. POWER	PROVINCIAL LANDS & FORESTS		
	DEPARTMENT	855-6133	734-2731



## 7. Schedules

Revision June 1/75

### SCHEDULE "D"

#### OUTSIDE EMERGENCY CONTACTS

LOCATION: Charlottetown, P.E.I.

<u>NAME</u>	<u>DEPARTMENT</u>	<u>PHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
Gordon Stewart	Fire - Charlottetown	(902) 894-3113	894-7119
D. S. Moore	Fire - Parkdale	(902) 894-3122	894-3685
Bordon Champion	Works - Charlottetown	(902) 892-6714	894-9960
D. Saunders	Police - Charlottetown	(902) 894-5513	892-6439
Sgt. Gilliatt	Police - Parkdale R.C.M.P.	(902) 894-7383	
Hugh Feagan	R.C.M.P. - Charlottetown	(902) 892-2451	894-8416
	Hospital - Charlottetown	(902) 894-8531	
	Ambulance - Charlottetown	(902) 892-5311	
	Hospital - Charlottetown	(902) 894-5561	
D. MacMillian	Air Services - Charlottetown	(902) 892-3581	

#### GOVERNMENT CONTACTS

	Federal Government (MOT/EPS)	(902) 426-6030	
	ZENITH	49000	
Jack MacDonald	Harbour Pilot	(902) 894-7024	894-7024

#### PROVINCIAL GOVERNMENT

A. J. Hiscock	Dept. of Environment	(902) 892-3562	894-7928
Dr. Bernard Dousse	Dept. of Environment	(902) 892-3563	892-7272
Don Champion	Dept. of Environment	(902) 892-3561	894-5258
Joseph H. Taylor	Harbour Master	(902)	894-4755

Note: Refer to Schedule "C" for outside contractors equipment and materials list.

SCHEDULE "D"OUTSIDE EMERGENCY CONTACTSLOCATION: Fredericton, N.B.

<u>NAME</u>	<u>DEPARTMENT</u>	<u>PHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
H. F. Doherty	Fire - Fredericton	(506) 455-3311	24 Hours
C. Woods	Fire - Oromocto	(506) 357-3122	24 Hours
R. Goodyear	Police - Fredericton	(506) 454-9701	24 Hours
	R.C.M.P. - Fredericton	(506) 454-6675)	After 5
	R.C.M.P. - Oromocto	(506) 357-8471)	Zenith 50000
	Works - Oromocto	(506) 357-8431	357-2479
N. Mills			
A. Coady	Fire Dept. - D. of T. Fredericton Airport	(506) 357-2161	24 Hours
	Victoria Public Hospital Fredericton	(506) 455-3351	
	Oromocto Public Hospital Oromocto	(506) 357-8465	
	Ambulance Victoria Hospital Fredericton	(506) 455-3351	
	Ambulance - Oromocto	(506) 357-3122	

GOVERNMENT CONTACTS

Federal Government (MOT/EPS) (902) 426-6030 Zenith 49000

PROVINCIAL GOVERNMENT

Robert Lutes	Dept. of Environment	(506) 453-2861	455-3517
Jas. Hayden	Dept. of Environment	(506) 453-2861	472-8586
Brian Barnes	Dept. of Environment	(506) 453-2932	455-9817
John Messina	Dept. of Highways	(506) 453-2628	472-4239
Ralph Smith	Dept. of Highways	(506) 453-2628	455-7793

Note: Emergency No. 911 can contact Fire,  
Police, Ambulance in City of  
Fredericton.

SCHEDULE "D"OUTSIDE EMERGENCY CONTACTSLOCATION: Halifax/Dartmouth

<u>NAME</u>	<u>DEPARTMENT</u>	<u>PHONE NUMBERS</u>	
		<u>BUSINESS</u>	<u>HOME</u>
	Fire - Halifax/Dartmouth		4103
	Police (Local) - Halifax/Dartmouth		4105
	R.C.M.P. - Dartmouth Detachment	(902) 426-3731	
	R.C.M.P. - Halifax Detachment	(902) 426-3611	
	Ambulance - Dartmouth	(902) 469-7361	
	Hospital - Halifax Infirmary	(902) 429-9111	
	Victoria General	(902) 429-5151	
	Dartmouth Emergency	(902) 469-9415	
	Poison Control - Halifax/Dartmouth	(902) 424-6161	

GOVERNMENT CONTACTS

Federal Government (MOT/EPS)	(902) 426-6030	
	Zenith	49000
Province - Environment	(902) 424-5833	
G. J. Turnan	(902) 424-5833	
M. R. Curphey	(902) 424-5833	
Tom Leung	(902) 424-5833	
A. J. Crouse	(902) 424-5833	
E.M.O.	(902) 424-5620	
E.P.S. Colin Duerden	(902) 426-2576	
E.P.S. H. Doane	(902) 426-6121	443-1410
M.O.T. T. Hayes	(902) 426-3699	

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE CONTRACTORS,  
EQUIPMENT AND MATERIALS LIST.



7. Schedules

Revision June 1/75

SCHEDULE "D"

OUTSIDE EMERGENCY CONTACTS

LOCATION: INVERNESS, N.S.

	<u>BUSINESS</u>	<u>HOME</u>
INVERNESS FIRE DEPARTMENT	(902) 258-2222	
CANADA MANPOWER CENTRE	(902) 258-2996	
R.C.M.P. INVERNESS	(902) 258-2213	
HOSPITAL	(902) 258-2100	
DOCTOR	(902) 258-2242	
AMBULANCE	(902) 258-2879	

GOVERNMENT CONTACTS

FEDERAL GOVERNMENT (MOT/EPS)	(902) 426-6030	
ZENITH	49000	

PROVINCIAL GOVERNMENT

G.J. TURNAN	DEPT. OF ENVIRONMENT	(902) 424-5833	876-2401
M.R. CURPHEY	DEPT. OF ENVIRONMENT	(902) 424-5833	477-4925
A.J. CROUSE	DEPT. OF ENVIRONMENT	(902) 424-5833	477-4384

NOTE: REFER TO SCHEDULE "C" FOR OUTSIDE CONTRACTORS,  
EQUIPMENT AND MATERIALS LIST.

7. Schedules

Revision June 1/75

SCHEDULE "D"

OUTSIDE EMERGENCY CONTACTS

LOCATION: Miramachi

<u>NAME</u>	<u>DEPARTMENT</u>	<u>BUSINESS</u>	<u>HOME</u>
James Currie, Chief	Fire - Chatham	(506) 773-5856	773-3412
David Keating	Fire - Newcastle	(506) 622-2500	622-3328
James Creighton	Works - Chatham	(506) 773-6747	773-3392
D. Allen Chief	Police - Chatham	(506) 773-4436	773-4380
H. Crossman, Chief	Police - Newcastle	(506) 622-2111	622-1367
Wm. Baskin, County	R.C.M.P. - Newcastle	(506) 622-3460	622-2878
Hotel Diel	Hospital - Chatham	(506) 773-4405	
St. John	Ambulance - Newcastle	(506) 622-2111	
	Works - Newcastle	(506) 622-2194	
Wm. Blackmore			
Miramachi Hospital	Newcastle	(506) 622-1340	
	Maritime Air Services - Moncton	(506) 622-2299	

Note: Refer to schedule "C" for outside contractors equipment and materials list.

GOVERNMENT CONTACTS

	Federal Government (MOT/EPS)	(506) 426-6030	455-9817
	ZENITH	49000	
Brian Barnes	Prov. Dept. of Environment	(506) 453-2932	455-9817
James Hayden		(506) 453-2861	472-8586
J. E. Pinder	Provincial Lands & Forests Newcastle	(506) 622-2636	622-1770







## OIL POLLUTION PREVENTION

### CANADA SHIPPING ACT

Every tanker and loading or unloading facility in Canada must comply with the Canada Shipping Act - Oil Pollution Prevention Regulations dated September 21st, 1971.

The owner of the loading or unloading facility must appoint a person to be in charge of that facility as shore supervisor, who, together with the officer in charge of the operation on board ship must ensure that:

- a) Blank flanges are TIGHTLY fitted to all cargo and bunker manifolds not in use.
- b) All overboard discharges are tightly closed and sealed.
- c) All deck scuppers are tightly plugged on all decks where a cargo or bunker spill could occur.
- d) Drip trays and an adequate supply of sawdust are in position at the manifold and hose connections.
- e) The flexible hoses in use are adequately supported and protected against damage from ship movement.

The shore supervisor and ship's officer in charge of the operation shall establish between them the procedure to be followed and the limitations to be imposed with regard to:

- a) The Signals for Standby to Start; Start; Reduce the Flow Rate; Standby to Stop; Stopping; Emergency Stopping.
- b) The maximum allowable pressure and flow rate.
- c) The time required to stop.
- d) The tank topping period.
- e) Giving at least 15 minutes notice of intention to stop.

The shore supervisor and ship's officer in charge will ensure that their own respective facilities are adequately and suitably manned with personnel fully familiar with the preceding requirements and procedures who will ensure compliance with such requirements and procedures throughout the transfer operation, and who will further ensure that:

- a) The vessel remains properly moored alongside.
- b) Valves are not closed against the liquid flow pressure.
- c) The transfer rate is reduced when topping tanks.
- d) Close attention is paid to the liquid level in the tanks.
- e) The operation stops if a leak develops.
- f) No tank cleaning or gas freeing operations are carried out.

Nothing in the above shall, in the event of any emergency related to this transfer operation prevent:

- a) The Master of the ship.
- b) The Officer in charge of the transfer operation for the ship or
- c) The person in charge of the transfer operation at the
  - i) loading facility or
  - ii) the unloading facility

from taking the most effective action that, in his opinion is necessary to rectify or minimize the condition that caused the emergency.





